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### **i-42 Robo**

This 4 axis lathe with C-axis and live tooling provides the added advantage of robotic loading for unmanned chucking operations



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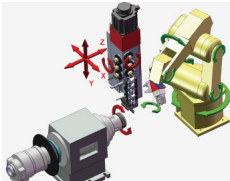


## **INTELLIGENT ROBOT**

Complimenting the standard IT-42 lathe, is a fully integrated high speed, high precision 6 axis robot.

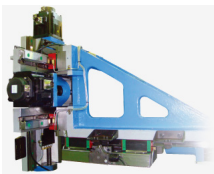
This intelligent robot has a total of 88 programs, and can easily maneuver around tooling and other obstacles within the work area.

It can handle work pieces of up to 6kg, and is ideal for billets, castings and forgings.



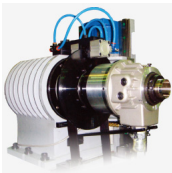
### **Axial view**

i-42 Robo



### **LINEAR GUIDEWAYS**

The machine is equipped with high precision, HIWIN linear guideways. The use of 35mm rails throughout the machine increases stability and accuracy, and allows heavier cuts to be achieved.



### **SPINDLE**

The cartridge type spindle runs on P4 high precision bearings giving high radial and axial stability, allowing for heavy duty cutting.

A brass 90-degree elbow fitting. It has a hexagonal nut in the middle with the number '1187' stamped on it. One end has a small flange, and the other end is threaded. The top of the nut has some text, including '1/2" NPT' and '1/2" NPT'.

## i-42 Robo

## Coolant Motor Type

## CNC turning and milling complex lathe | i-42 Robo

Written by Administrator

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Speed	4000rpm(Max.)	Coolant Tank Capacity	160L
Size	ER-20	Machine Size	Length/Width/Height
Max.Drilling Dia.	12.0 mm	Weight	2750kg
Max. Tapping capacity	M10 X P1.25		

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